

**Hospitals for a Healthy Environment (H2E) Circuit Rider**  
*Project summary*

The H2E Circuit Rider intern provided a variety of services to nine hospitals across Kansas and Missouri. These services were designed to help hospitals identify opportunities for environmental and cost savings. Hospitals are generally in the business to care for the health of their communities. By reducing environmental impacts and costs, the hospitals can often redirect the dollars to providing patient services rather than disposing of waste and powering appliances etc.

The H2E intern worked with hospitals that had pre-registered for the service in late 2007. After confirming their interests, a list that defined the H2E intern services was provided to the interested hospital contacts. The services included the following audit or assessments: mercury inventory, solid waste audit, red bag (infectious) waste audit, and energy conservation opportunities including lighting, appliance upgrade, vending machine misers, and power management systems. After the types of services were confirmed, a site visit date was set up and the specific services the hospital asked for were performed.

The information gathered during the internship has been consolidated to the tables below. It includes totals from nine hospitals: St. Joe, St. Francis, St. Luke’s, Providence, Mercy Health Center, Fort Hays, Salina Regional, and Topeka and Leavenworth VA hospitals.

**Table 1: H2E Circuit Rider Project Summary**

<b>Project</b>	<b>Annual Cost Savings</b>	<b>Reduction</b>	<b>Status</b>
Mercury Inventory	None	3,771 grams	In progress
Red Bag (Infectious) waste audit	\$48,181	135 tons	Recommended
Solid waste audit	\$69,487	1,155 tons	Recommended
Vending Machines	\$11,586	144,500 kWh	Recommended
Power Management	\$145,206	1,973,728 kWh	Recommended

Total savings: \$274,460  
 Total kWh: 2,118,228 → 1,647 metric tons of CO2 reduced  
 Total tons of waste: 1,290